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ATTORNEY DOCKET NO. 04712/02000FCertificate of Mailing: Date of Deposit: March 1, 2000

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231.

Maureen T. Whalen

Printed name of person mailing correspondence

Maureen T. Whalen

Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dosuk D. Lee et al.

Art Unit:

Serial No.: 09/284,436
PCT/US97/18528

Examiner:

Filed: April 12, 1999

Title: BIOCERAMIC COMPOSITIONS

RECEIVED

14 MAR 2000

L. J. 1999
International DivisionAssistant Commissioner of Patents
Washington, D.C. 20231PETITION TO CORRECT INVENTORSHIP UNDER 37 CFR §1.48 (a)

Applicant hereby petitions to correct the inventorship in the above application

from:

Dosuk D. Lee, Christian Rey, and Maria Aiolova

to:

Dosuk D. Lee, Christian Rey, Maria Aiolova, and Aliasshar Tofighi.

The inventors set forth in the original PCT filing were named in error. The executed declaration under 37 CFR §1.63 filed on June 18, 1999, copy enclosed, is correct. In support of this petition, enclosed are:

03/14/2000 UNFILED
09/284,436
13600 UP
01 FC:122

☒ Statements from each originally named inventor consenting to change in inventorship and from the newly added inventor stating that the error occurred without deceptive intent.

☒ An executed declaration under 37 CFR §1.63 by the actual inventors (copy of declaration submitted on June 18, 1999).

☒ A check for \$130.00 for the fee required under 37 CFR §1.17(i).

☒ A consent of the assignee to the correction.

☒ Copy of assignment documenting that title lies with assignee consenting to the correction.

If there are any other charges, or any credits, please apply them to Deposit

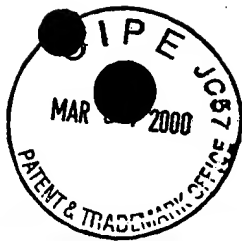
Account No. 03-2095.

Respectfully submitted,

Date: March 1, 2000

Mary Rose Scozzafava
Mary Rose Scozzafava, Ph.D.
Reg. No. 36,268

Clark & Elbing LLP
176 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045



PATENT
ATTORNEY DOCKET NO. 04712/02000F

Certificate of Mailing: Date of Deposit: March 1, 2000

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Maureen T. Whalen
Printed name of person mailing correspondence

Maureen T. Whalen
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dosuk D. Lee et al.

Art Unit:

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Title: BIOCERAMIC COMPOSITIONS

Assistant Commissioner of Patents
Washington, D.C. 20231

PETITION TO CORRECT INVENTORSHIP -- CONSENT OF ASSIGNEE

As an officer of the concern to which the above captioned application has been assigned, I hereby consent to the correction of inventorship of this application from:

Dosuk D. Lee, Christian Rey, and Maria Aioloa

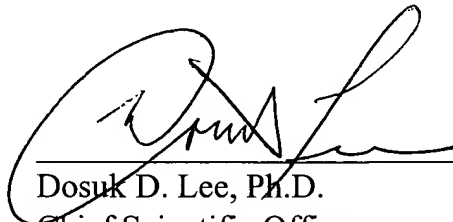
to:

Dosuk D. Lee, Christian Rey, Maria Aioloa, and Aliassghar Tofighi

All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements

are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 1-27-00



Dosuk D. Lee, Ph.D.
Chief Scientific Officer
Etex Corporation
38 Sidney Street
Cambridge, MA 02139



PATENT
ATTORNEY DOCKET NO. 04712/02000F

Certificate of Mailing: Date of Deposit: March 1, 2000

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Maureen T. Whalen
Printed name of person mailing correspondence

Maureen T. Whalen
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dosuk D. Lee et al.

Art Unit:

Serial No.: 09/284,436
PCT/US97/18528

Examiner:

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Title: BIOCERAMIC COMPOSITIONS

Assistant Commissioner of Patents
Washington, D.C. 20231

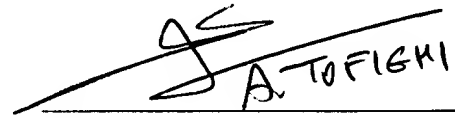
PETITION TO CORRECT INVENTORSHIP -- DECLARATION OF INVENTOR

Aliassghar Tofighi hereby declares:

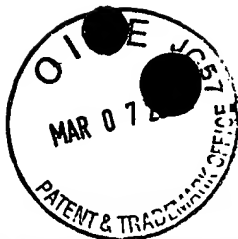
1. That I am an original inventor of the above-captioned patent application.
2. That through error and without any deceptive intent on my part, the above-captioned application was filed naming Dosuk D. Lee, Christian Rey, and Maria Aiolova, rather than Dosuk D. Lee, Christian Rey, Maria Aiolova, and Aliassghar Tofighi.
3. That I should be added as an inventor in the above-captioned application.
4. That all statements made herein of my own knowledge are true and that all

statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date 01-31-2000

A handwritten signature in black ink, appearing to read 'A. TOFIGHI', is written over a horizontal line.

Aliassghar Tofighi
204 Waverly Street
Belmont, MA 02178



PATENT
ATTORNEY DOCKET NO. 04712/02000F

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I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Maureen T. Whalen
Printed name of person mailing correspondence

Maureen T. Whalen
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dosuk D. Lee et al.

Art Unit:

Serial No.: 09/284,436
PCT/US97/18528

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Assistant Commissioner of Patents
Washington, D.C. 20231

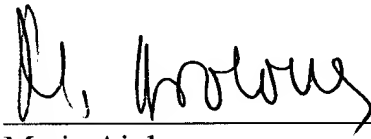
PETITION TO CORRECT INVENTORSHIP
DECLARATION OF INVENTOR AGREEING TO CORRECTION

Maria Aiolova hereby declares:

1. That I am an original named inventor of the above-captioned patent application.
2. That I agree with the correction of inventorship in the above-captioned application from Dosuk D. Lee, Christian Rey, and Maria Aiolova, to Dosuk D. Lee, Christian Rey, Maria Aiolova, and Aliassghar Tofighi.
3. That all statements made herein of my own knowledge are true and that all

statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date 1.31.00



Maria Aiolova
123 Seawall Avenue
Brookline, MA 02146



AUGUST 23, 1999

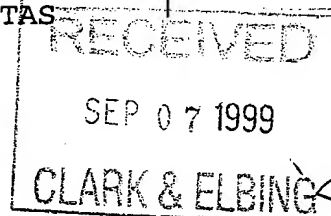
CLARK & ELBING LLP
MARY ROSE SCOZZAFAVA, PH.D.
176 FEDERAL STREET
BOSTON, MA 02110



04712/02000F

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

PTAS



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/21/1999

REEL/FRAME: 010037/0197
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEE, DOSUK D.

DOC DATE: 06/04/1999

ASSIGNOR:

REY, CHRISTIAN

DOC DATE: 06/09/1999

ASSIGNOR:

AILOVA, MARIA

DOC DATE: 06/04/1999

ASSIGNOR:

TOFIGHI, ALLIASSGHAR

DOC DATE: 06/04/1999

ASSIGNEE:

ETEX CORPORATION
38 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09284436

PATENT NUMBER:

PCT NUMBER: US9718528

FILING DATE:

ISSUE DATE:

010037/0197 PAGE 2

SERIAL NUMBER: 09284436
PATENT NUMBER:
PCT NUMBER: US9718528

FILING DATE:
ISSUE DATE:

SONYA JOHNSON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-24-1999



Substitute Form PTO-1595

101073668

Key Docket Number: 04712/02000F

Certificate of Mailing: Date of Deposit June 18, 1999

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Julie A. Bowen
Printed Name

Signature

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner of Patents & Trademarks: Please record the attached document.

<p>1. Names of all conveying parties:</p> <p>Dosuk D. Lee Christian Rey Maria Aioloa Alliassghar Tofighi</p> <p>Additional names attached: NO</p>	<p>2. Names and addresses of all receiving parties:</p> <p>Etex Corporation 38 Sidney Street Cambridge, MA 02139</p> <p>Additional names/addresses attached</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date: 6/4/99, 6/9/99</p>	
<p>4. Application numbers or patent numbers:</p> <p>A. Patent Application Numbers: 09/284,436 PCT/US97/18528</p>	<p>B. Patent Numbers:</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Mary Rose Scozzafava, Ph.D. Reg. No. 36,268 Clark & Elbing LLP 176 Federal Street Boston, MA 02110</p>	<p>6. Total number of applications/patents involved: 2</p> <p>7. Total fee (37 CFR 3.41): \$80 <input checked="" type="checkbox"/> Fee enclosed <input type="checkbox"/> Authorized to charge deposit account</p> <p>8. Deposit account number: 03-2095. If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to Deposit Account No. 03-2095.</p>

06/22/1999 JSHAR47Z 00000016 09284436

DO NOT USE THIS SPACE

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80.00 DP

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Mary Rose Scozzafava, Ph.D.
Name of person signing

Mary Rose Scozzafava
Signature

6/18/99
Date

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Dosuk D. Lee	Brookline	Massachusetts
Christian Rey	Aureville	Castanet, France
Maria Aiolova	Brookline	Massachusetts
Aliassghar Tofighi	Belmont	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Etex Corporation	Delaware	38 Sidney Street Cambridge, MA 02139

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
BIOCERAMIC COMPOSITIONS	April 12, 1999	09/284,436
BIOCERAMIC COMPOSITIONS	October 16, 1997	PCT/US97/18528

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at ETEX Corporation,
this 4 day of JUNE, 1999

DOSUK D. LEE

STATE OF MASSACHUSETTS

COUNTY OF MIDDLESEX :

:ss.

Before me this 4th day of June, 1999, personally appeared **DOSUK D. LEE**
known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged
that he/she executed the same as his/her free act and deed for the purposes therein contained.

Regina Ottaviano
Notary Public

REGINA OTTAVIANO

My Commission Expires: 5/21/2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at

Toulouse

this 9th day of June, 1999

Rey

L.S.

CHRISTIAN REY

Before me this 9th day of June, 1999, personally appeared **CHRISTIAN REY** known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Bonsirven
Witness Dominique BONSIKVEN

Sarda
Witness Stéphanie SARDA

IN WITNESS WHEREOF, I hereto set my hand and seal at ETEX Corporation
this 4 day of JUNE, 1999

M. Aiolo

L.S.

MARIA AIOLOVA

STATE OF MASSACHUSETTS

:ss.

COUNTY OF MIDDLESEX:

Before me this 4th day of June, 1999, personally appeared **MARIA AIOLOVA** known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Regina Ottaviano
Notary Public
Regina Ottaviano
My Commission Expires: 5/21/2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at ETEX Corporation
this 4 day of JUNE, 1999

A. TOFIGHI

L.S.

ALIASSGHAR TOFIGHI

STATE OF MASSACHUSETTS

:ss.

COUNTY OF MIDDLESEX:

Before me this 4th day of June, 1999, personally appeared **ALIASSGHAR TOFIGHI** known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Regina Ottaviano
Notary Public
Regina Ottaviano
My Commission Expires: 5/21/2004

[Notary's Seal Here]